

CLAIM LISTING

1. (Currently Amended) An apparatus comprising a medical device having a surface and a
[[A]] coating applied to the surface of the for a medical device,
the coating comprising a copolymer of a polyalkylene glycol terephthalate terephthalate
and an aromatic polyester, with the copolymer having a weight average molecular weight
between about 10,000 and about 300,000,
the coating further comprising a biologically active agent,
and the surface being a material selected from the group consisting of metals, metal
alloys, ceramics, glasses, and polymeric materials.
2. (Currently Amended) A coating according to claim 1, wherein the polyalkylene glycol is
selected chosen from the group consisting of polyethylene glycol terephthalate terephthalate,
polypropylene glycol terephthalate terephthalate, and polybutylene glycol terephthalate
terephthalate.
3. (Currently Amended) A coating according to claim 2, wherein the polyalkylene glycol is
polyethylene glycol terephthalate terephthalate.
4. (Currently Amended) A coating according to claim 1, wherein the polyester is selected
chosen from the group consisting of polyethylene terephthalate, polypropylene terephthalate, and
polybutylene terephthalate.
5. (Original) A coating according to claim 4, wherein the polyester is polybutylene
terephthalate.
6. (Currently Amended) A coating according to claim 1, wherein the copolymer comprises
20-90 wt.%, ~~preferably 40-70 wt.%,~~ based on the weight of the copolymer, of the polyalkylene
glycol.

7. (Currently Amended) A coating according to claim 1, wherein the weight average molecular weight of the polyalkylene glycol is from about 150 to about 4000, ~~preferably from about 200 to about 1500.~~

Claims 8-9. (Cancelled)

10. (Currently Amended) A coating according to claim 1 ~~[[9]]~~, wherein the additive is a biologically active agent chosen from the group consisting of antimicrobial agents, ~~such as~~ antibacterial agents, ~~and~~ anti-fungal agents, anti-viral agents, anti-tumor agents, immunogenic agents, lipids, lipopolysaccharides, hormones and growth factors.

11. (Currently Amended) A coating according to claim 1 ~~[[9]]~~, wherein the additive is a biologically active agent ~~[[is]]~~ chosen from the group consisting of peptides, oligopeptides, polypeptides and proteins.

12. (Cancelled)

13. (Currently Amended) A coating according to claim 1 ~~[[12]]~~, wherein the surface is a surface of a medical device selected ~~chosen~~ from the group consisting of catheters, stents, fibres, non-woven fabrics, vascular grafts, porous metals for ~~e.g.~~ acetabulum revision, and porous scaffolds for tissue engineering.

14. (Currently Amended) A coating according to claim 1 which is porous upon application to the surface.

15. (Currently Amended) A method for applying a coating according to claim 1 to the ~~[[a]]~~ surface, comprising brushing, spraying, wiping, dipping, extruding or injecting.

16. (Original) A method according to claim 15, wherein the surface is cleaned and/or subjected to a mechanical treatment prior to application of the coating.

17. (Previously Presented) A method according to claim 15, wherein the coating is applied from a solution or suspension of the copolymer.
18. (Original) A method according to claim 17, wherein a biologically active agent is included in the solution or suspension.
19. (Previously Presented) A method according to claim 17, wherein a pore-forming agent is included in the solution or suspension.
20. (Previously Presented) A medical device comprising a coating according to claim 1.
21. (Currently Amended) A medical device according to claim 20 selected ~~chosen~~ from the group consisting of catheters, fibres, non-woven fabrics, vascular grafts, porous metals for e.g. acetabulum revision, dental filling materials, ~~materials for approximation~~, adhesion of tissues, materials used in osteo-synthesis (~~e.g. pins or bone screws~~), cardiac patches, sutures, soft and hard tissue scaffolds and fillers (~~e.g. collagen, calcium phosphate, bioglass~~), stents, bone void fillers intended for the repair of bone defects, intrauterine devices, root canal fillers, drug delivery pumps, implantable infusion pumps, spacer devices, implants containing medicinal products, and scaffolds for tissue engineering.
22. (New) A coating according to claim 1, wherein the copolymer comprises 40-70 wt.%, based on the weight of the copolymer, of the polyalkylene glycol.
23. (New) A coating according to claim 1, wherein the weight average molecular weight of the polyalkylene glycol is from about 200 to about 1500.
24. (New) A coating according to claim 1, wherein the weight average molecular weight of the copolymer lies between about 40,000 and about 120,000.
25. (New) A medical device according to claim 21, wherein the material used in osteo-synthesis is a pin or a bone screw.

26. (New) A medical device according to claim 21, wherein the hard tissue scaffold and filler is collagen, calcium phosphate, or bioglass.

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